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Om protein - protein search, using sw model

Run on: November 9, 2002, 07:30:30 ; Search time 68 seconds  
(without alignments)  
40.287 Million cell updates/sec

Title: Perfect score: US-09-895-298a-83

Sequence: 1 MMNFOPPSKAWRASQMMTFF.....HDSDDLRSRHSVQEGNPRRA 190

Scoring table: OLIGO Gapop 60.0 , Gapext 60.0

Searched: 92612 seqs, 14418503 residues

Word size : 4

Total number of hits satisfying chosen parameters: 18997

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Published\_Applications\_AA:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

**SUMMARIES**

Result No.	Score	Query Match Length	DB ID	Description
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2	6	3.2	39	10 US-09-759-143-912 Sequence 912, APP
3	6	3.2	39	10 US-09-780-669-912 Sequence 912, APP
4	6	3.2	39	10 US-09-822-827-912 Sequence 912, APP
5	6	3.2	48	10 US-09-864-761-36751 Sequence 36751, A
6	6	3.2	60	10 US-09-864-761-36952 Sequence 36952, A
7	6	3.2	61	10 US-09-764-846-166 Sequence 166, APP
8	6	3.2	66	10 US-09-864-761-34437 Sequence 34437, A
9	6	3.2	73	10 US-09-864-761-45541 Sequence 45541, A
10	6	3.2	96	10 US-09-864-761-48748 Sequence 48748, A
11	6	3.2	99	10 US-09-864-761-36470 Sequence 36470, A
12	6	3.2	100	10 US-09-840-459-33 Sequence 33, APP
13	6	3.2	104	10 US-09-925-297-526 Sequence 526, APP
14	6	3.2	111	12 US-10-006-867-130 Sequence 130, APP
15	6	3.2	111	12 US-10-052-586-382 Sequence 382, APP
16	6	3.2	113	10 US-09-971-543-4 Sequence 4, APP
17	6	3.2	113	10 US-09-971-543-5 Sequence 5, APP
18	6	3.2	113	10 US-09-971-543-6 Sequence 6, APP
19	6	3.2	138	10 US-09-764-877-1934 Sequence 1934, APP

**ALIGNMENTS**

RESULT 1  
US-09-864-761-44182  
; Sequence 44182, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
; FILE REFERENCE: Aeonica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: 'GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
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; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234,687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 09/608,408  
 PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: US 09/774,203  
 NUMBER OF SEQ ID NOS: 49117  
 SEQ ID NO 44182  
 LENGTH: 31  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 OTHER INFORMATION: MAP TO AC003108.1  
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.69  
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.74  
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.67  
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.75  
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.62  
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.78  
 OTHER INFORMATION: EST\_HUMAN HIT: AW582253.1, EVALUE 2.00e-09  
 US-09-864-761-44182

Query Match 3.2%; Score 6; DB 10; Length 39;  
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RESULT 3  
 US-09-780-669-912  
 ; Sequence 912, Application US/09780669  
 ; Patent No. US20020051977A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xu, Jiangchun  
 ; APPLICANT: Dillon, Davin C.  
 ; APPLICANT: Mitcham, Jennifer L.  
 ; APPLICANT: Harlocke, Susan L.  
 ; APPLICANT: Jiang, Yuqui  
 ; APPLICANT: Henderson, Robert A.  
 ; APPLICANT: Kalos, Michael D.  
 ; APPLICANT: Fanger, Gary R.  
 ; APPLICANT: Ritter, Marc W.  
 ; APPLICANT: Stolk, John A.  
 ; APPLICANT: Day, Craig H.  
 ; APPLICANT: Wedwick, Thomas S.  
 ; APPLICANT: Carter, Darrick  
 ; APPLICANT: Li, Samuel I.  
 ; APPLICANT: Wang, Aijun  
 ; APPLICANT: Skeiky, Yasir A.W.  
 ; APPLICANT: Hepler, William  
 ; APPLICANT: Hural, John  
 ; APPLICANT: McNeill, Patricia D.  
 ; APPLICANT: Houghton, Raymond L.  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 ; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER  
 ; FILE REFERENCE: 210121.427C24  
 ; CURRENT APPLICATION NUMBER: US/09/780,669  
 ; CURRENT FILING DATE: 2001-02-09  
 ; NUMBER OF SEQ ID NOS: 943  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO 912  
 LENGTH: 39  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-780-669-912

Query Match 3.2%; Score 6; DB 10; Length 39;  
 Best Local Similarity 100.0%; Pred. No. 20;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 4  
 US-09-822-827-912  
 ; Sequence 912, Application US/09822827  
 ; Patent No. US20020081680A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xu, Jiangchun  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 ; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER  
 ; FILE REFERENCE: 210121.427C23  
 ; CURRENT APPLICATION NUMBER: US/09/759,143  
 ; CURRENT FILING DATE: 2001-01-12  
 ; NUMBER OF SEQ ID NOS: 934  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO 912  
 LENGTH: 39  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-759-143-912

Query Match 3.2%; Score 6; DB 10; Length 39;  
 Best Local Similarity 100.0%; Pred. No. 20;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3  
 US-09-780-669-912  
 ; Sequence 912, Application US/09780669  
 ; Patent No. US20020051977A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xu, Jiangchun  
 ; APPLICANT: Dillon, Davin C.  
 ; APPLICANT: Mitcham, Jennifer L.  
 ; APPLICANT: Harlocke, Susan L.  
 ; APPLICANT: Jiang, Yuqui  
 ; APPLICANT: Henderson, Robert A.  
 ; APPLICANT: Kalos, Michael D.  
 ; APPLICANT: Fanger, Gary R.  
 ; APPLICANT: Ritter, Marc W.  
 ; APPLICANT: Stolk, John A.  
 ; APPLICANT: Day, Craig H.  
 ; APPLICANT: Wedwick, Thomas S.  
 ; APPLICANT: Carter, Darrick  
 ; APPLICANT: Li, Samuel I.  
 ; APPLICANT: Wang, Aijun  
 ; APPLICANT: Skeiky, Yasir A.W.  
 ; APPLICANT: Hepler, William  
 ; APPLICANT: Hural, John  
 ; APPLICANT: McNeill, Patricia D.  
 ; APPLICANT: Houghton, Raymond L.  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 ; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER  
 ; FILE REFERENCE: 210121.427C24  
 ; CURRENT APPLICATION NUMBER: US/09/780,669  
 ; CURRENT FILING DATE: 2001-02-09  
 ; NUMBER OF SEQ ID NOS: 943  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO 912  
 LENGTH: 39  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-822-827-912

Query Match 3.2%; Score 6; DB 10; Length 39;  
 Best Local Similarity 100.0%; Pred. No. 20;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0; OTHER INFORMATION: SWISSPROT HIT: Q9X4E0, EVALUE 6.20e+00  
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 Db 25 VLITY 30 ;  
 ; GENERAL INFORMATION:  
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 ; RESULT 5  
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 ; US-09-864-761-36751  
 ; Sequence 36751, Application US/09864761  
 ; Patent No. US20020048763A1  
 ;  
 ; APPLICANT: Penn, Sharron G.  
 ; APPLICANT: Rank, David R.  
 ; APPLICANT: Hanzel, David K.  
 ;  
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 ; FILE REFERENCE: Aeomica-X-1  
 ; CURRENT APPLICATION NUMBER: US/09/864,761  
 ; CURRENT FILING DATE: 2001-05-23  
 ;  
 ; PRIOR APPLICATION NUMBER: US 60/180,312  
 ; PRIOR FILING DATE: 2000-02-04  
 ;  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ;  
 ; PRIOR APPLICATION NUMBER: US 09/632,366  
 ; PRIOR FILING DATE: 2000-08-03  
 ;  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
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 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
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 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
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 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
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 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
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 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
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 ; PRIOR APPLICATION NUMBER: US 09/608,408  
 ; PRIOR FILING DATE: 2000-06-30  
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 ; PRIOR APPLICATION NUMBER: US 09/774,203  
 ; PRIOR FILING DATE: 2001-01-29  
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 ; NUMBER OF SEQ ID NOS: 49117  
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 ; SOFTWARE: Annonmax Sequence Listing Engine vers. 1.1  
 ; SEQ ID NO 36751  
 ; LENGTH: 48  
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 ; TYPE: PRT  
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 ; ORGANISM: Homo sapiens  
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 ; FEATURE:  
 ; OTHER INFORMATION: MAP TO Z84476.6  
 ; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.65  
 ; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.68  
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.71  
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.61  
 ; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.7  
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.84  
 ; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.72  
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.67

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 5  
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 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 12  
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.2  
 OTHER INFORMATION: EST\_HUMAN HIT: BE873170.1, EVALUE 2.00e-20  
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 US-09-864-761-36952

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 Best Local Similarity 100.0%; Pred. No. 30;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 156 ERREVE 161  
 Db 21 ERREVE 26

RESULT 7  
 US-09-764-846-166  
 Sequence 166, Application US/09764846  
 Patent No. US20020102638A1

GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
 FILE REFERENCE: PTZ12  
 CURRENT APPLICATION NUMBER: US/09/764, 846  
 CURRENT FILING DATE: 2001-01-17  
 PRIOR application data removed - consult PALM or file wrapper  
 NUMBER OF SEQ ID NOS: 348  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 166  
 LENGTH: 61  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-764-846-166

Query Match 3.2%; Score 6; DB 10; Length 61;  
 Best Local Similarity 100.0%; Pred. No. 31;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 97 LIVLII 102  
 Db 20 LIVLII 25

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RESULT 8  
 US-09-864-761-34437  
 Sequence 34437, Application US/09864761  
 Patent No. US20020048763A1

GENERAL INFORMATION:  
 APPLICANT: Penn, Sharron G.  
 APPLICANT: Rank, David R.  
 APPLICANT: Hanzel, David K.  
 APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
 FILE REFERENCE: Aeomica-X-1  
 CURRENT APPLICATION NUMBER: US/09/864, 761

CURRENT FILING DATE: 2001-05-23  
 PRIOR APPLICATION NUMBER: US 60/180, 312  
 PRIOR FILING DATE: 2000-02-04  
 PRIOR APPLICATION NUMBER: US 60/207, 456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: US 09/632, 366  
 PRIOR FILING DATE: 2000-08-03  
 PRIOR APPLICATION NUMBER: GB 24263, 6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236, 359  
 PRIOR FILING DATE: 2000-09-27

Query Match 3.2%; Score 6; DB 10; Length 66;  
 Best Local Similarity 100.0%; Pred. No. 33;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 9 KAWRAS 14  
 Db 40 KAWRAS 45

RESULT 9  
 US-09-864-761-45641  
 Sequence 45641, Application US/09864761  
 Patent No. US20020048763A1

GENERAL INFORMATION:  
 APPLICANT: Penn, Sharron G.  
 APPLICANT: Rank, David R.  
 APPLICANT: Hanzel, David K.  
 APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
 FILE REFERENCE: Aeomica-X-1  
 CURRENT APPLICATION NUMBER: US/09/864, 761  
 CURRENT FILING DATE: 2001-05-23  
 PRIOR APPLICATION NUMBER: US 60/180, 312  
 PRIOR FILING DATE: 2000-02-04  
 PRIOR APPLICATION NUMBER: GB 24263, 6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236, 359  
 PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
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 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234, 687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 09/608, 408  
 PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: US 09/774, 203  
 PRIOR FILING DATE: 2001-01-29  
 NUMBER OF SEQ ID NOS: 49117  
 SOFTWARE: Adonomax Sequence Listing Engine vers. 1.1  
 SEQ ID NO 34437  
 LENGTH: 66  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 OTHER INFORMATION: MAP TO AC007405.2  
 OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 3.5  
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.3  
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.2  
 OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 5.5  
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.1  
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.6  
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 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 6.8  
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.3  
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.3  
 OTHER INFORMATION: EST\_HUMAN HIT: AA627193.1, EVALUE 5.00e-26  
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; CURRENT FILING DATE: 2001-05-23
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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
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; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
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; TYPE: PRT
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; FEATURE:
; OTHER INFORMATION: MAP TO AC007321.2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.82
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.75
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.91
; OTHER INFORMATION: SWISSPROT HIT: P30657, EVALUE 3.30e+00
; OTHER INFORMATION: EST_HUMAN HIT: BF129261.1, EVALUE 5.30e+00
; OTHER INFORMATION: EST_HUMAN HIT: BF129261.1, EVALUE 5.30e+00
; US-09-864-761-45641
Query Match 3.2%; Score 6; DB 10; Length 73;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 3 NFQPPS 8
Db 2 NFQPPS 7
Length: 73

RESULT 10
US-09-864-761-48748
; Sequence 48748, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761

Query Match 3.2%; Score 6; DB 10; Length 96;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 136 EKLIKL 141
Db 71 EKLIKL 76
Length: 96

RESULT 11
US-09-864-761-36470
; Sequence 36470, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
; SEQ ID NO 48748
; LENGTH: 96
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005017.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.66
; OTHER INFORMATION: EST_HUMAN HIT: BE20122.1, EVALUE 5.30e+00
; OTHER INFORMATION: SWISSPROT HIT: P56316, EVALUE 2.80e+00
; US-09-864-761-48748

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PRIORITY APPLICATION NUMBER: US 60/180,312
PRIORITY FILING DATE: 2000-02-04
PRIORITY APPLICATION NUMBER: US 60/207,456
PRIORITY FILING DATE: 2000-05-26
PRIORITY APPLICATION NUMBER: US 09/632,366
PRIORITY FILING DATE: 2000-08-03
PRIORITY APPLICATION NUMBER: GB 24263.6
PRIORITY FILING DATE: 2000-10-04
PRIORITY APPLICATION NUMBER: US 60/236,359
PRIORITY FILING DATE: 2000-09-27
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PRIORITY APPLICATION NUMBER: PCT/US01/00669
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00667
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00664
PRIORITY FILING DATE: 2001-01-30
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PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00663
PRIORITY FILING DATE: 2001-01-30
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PRIORITY APPLICATION NUMBER: PCT/US01/00661
PRIORITY FILING DATE: 2001-01-30
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PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: US 60/234,687
PRIORITY FILING DATE: 2000-09-21
PRIORITY APPLICATION NUMBER: US 09/608,408
PRIORITY FILING DATE: 2000-06-30
PRIORITY APPLICATION NUMBER: US 09/774,203
PRIORITY FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anamax Sequence Listing Engine vers. 1.1
SEQ ID NO 36470
LENGTH: 99
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC010680.3
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.98
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.92
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.96
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.3
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.98
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1
OTHER INFORMATION: EST HUMAN HIT: AA180780.1, EVALUE 4.00e-14
OTHER INFORMATION: SWISSPROT HIT: Q62234, EVALUE 7.00e-10
US-09-864-761-36470

Query Match 3.2%; Score 6; DB 10; Length 99;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 154 VLERRE 159
Db 37 VLERRE 42

RESULT 12
US-09-840-459-33
; Sequence 33, Application US/09840459
; Patent No. US20020150576A1
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keeffe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-012
; CURRENT APPLICATION NUMBER: US/09/840,459
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-840-459-33

RESULT 13
US-09-925-297-526
Query Match 3.2%; Score 6; DB 10; Length 100;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 102 ITYLYW 107
Db 35 ITYLYW 40

RESULT 14
US-10-006-867-130
Query Match 3.2%; Score 6; DB 10; Length 104;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 115 IMRILL 120
Db 18 IMRILL 23

```

; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, Christopher J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Wood, William T.  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3230R1C1  
 ; CURRENT APPLICATION NUMBER: US/10/006,867  
 ; CURRENT FILING DATE: 2001-12-06  
 ; PRIOR APPLICATION NUMBER: 60/063435  
 ; PRIOR FILING DATE: 1997-10-29  
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 ; PRIOR FILING DATE: 1997-10-29  
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 ; PRIOR FILING DATE: 1998-04-29  
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 ; PRIOR FILING DATE: 1998-06-04  
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 ; PRIOR FILING DATE: 1998-06-04  
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 ; PRIOR FILING DATE: 1998-12-23  
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 ; PRIOR FILING DATE: 1998-12-23  
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 ; PRIOR FILING DATE: 1999-01-12  
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 ; PRIOR APPLICATION NUMBER: 60/116843  
 ; PRIOR FILING DATE: 1999-01-22  
 ; PRIOR APPLICATION NUMBER: 60/119285  
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 ; PRIOR FILING DATE: 1999-02-09  
 ; PRIOR APPLICATION NUMBER: 60/119525  
 ; PRIOR FILING DATE: 1999-02-10  
 ; PRIOR APPLICATION NUMBER: 60/119549  
 ; PRIOR FILING DATE: 1999-02-10  
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 ; PRIOR FILING DATE: 1999-04-27  
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 ; PRIOR FILING DATE: 1999-06-09  
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 ; PRIOR FILING DATE: 1998-08-25  
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 ; PRIOR FILING DATE: 1999-05-14  
 ; PRIOR APPLICATION NUMBER: 09/380137  
 ; PRIOR FILING DATE: 1999-08-25  
 ; PRIOR APPLICATION NUMBER: 09/380138  
 ; PRIOR FILING DATE: 1999-08-25  
 ; PRIOR APPLICATION NUMBER: 09/380142  
  
 RESULT 15  
 Query Match 3.2%; Score 6; DB 12; Length 111;  
 Best Local Similarity 100.0%; Pred. No. 53;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
 Oy 48 DCGPFR 53  
 Db 27 DCGPFR 32  
  
 US-10-052-586-382  
 ; Sequence 382, Application US/10052586  
 ; Patent No. US20020127584A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Chen, Jian  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Wattanabe, Colin K.  
  
 ; APPLICANT: Wood, William T.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3430R1C1  
 ; CURRENT APPLICATION NUMBER: US/10/052,586  
 ; CURRENT FILING DATE: 2002-01-15  
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 ; PRIOR FILING DATE: 1997-09-18  
 ; PRIOR APPLICATION NUMBER: 60/059266  
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 ; PRIOR FILING DATE: 1997-10-17  
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 ; PRIOR APPLICATION NUMBER: 60/080333  
 ; PRIOR FILING DATE: 1998-04-01  
 ; PRIOR APPLICATION NUMBER: 60/081049  
 ; PRIOR FILING DATE: 1998-04-08



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; LENGTH: 113
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-971-543-4

Query Match 3.2%; Score 6; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 6; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Db 35 ITLYIW 40

RESULT 17
US-09-971-543-5
; Sequence 5, Application US/09971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: PLUCKTHUN, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILLUDA, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIORITY APPLICATION NUMBER: PCT/EP00/03176
; PRIORITY FILING DATE: 2000-04-10
; PRIORITY APPLICATION NUMBER: EP 99 10 7030.1
; PRIORITY FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 4DSMOC-B
; OTHER INFORMATION: peptide
; US-09-971-543-6

Query Match 3.2%; Score 6; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 6; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Db 35 ITLYIW 40

RESULT 18
US-09-971-543-6
; Sequence 6, Application US/09971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: PLUCKTHUN, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILLUDA, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; TITLE OF INVENTION: STABILIZED ANTI-EGP-2 SCFV FRAGMENT
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIORITY APPLICATION NUMBER: PCT/EP00/03176
; PRIORITY FILING DATE: 2000-04-10
; PRIORITY APPLICATION NUMBER: EP 99 10 7030.1
; PRIORITY FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-764-877-1934

Query Match 3.2%; Score 6; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 6; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Db 35 ITLYIW 40

RESULT 19
US-09-764-877-1934
; Sequence 1934, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1934
; LENGTH: 1138
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-764-877-1934

Query Match 3.2%; Score 6; DB 10; Length 138;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 6; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Db 47 LQDMEK 52

RESULT 20
US-09-925-301-1186
; Sequence 1186, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIORITY APPLICATION NUMBER: PCT/US00/05882
; PRIORITY FILING DATE: 2000-03-08
; PRIORITY APPLICATION NUMBER: 60/124,270
; PRIORITY FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1186
; LENGTH: 141
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-301-1186

Query Match 3.2%; Score 6; DB 10; Length 141;
Best Local Similarity 100.0%; Pred. No. 67;
Matches 6; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Db 23 LLFPFS 28
; SEQ ID NO 6

```

Db 17 LLFPS 22 ; PRIOR FILING DATE: 2000-02-10  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 32  
; LENGTH: 179  
; TYPE: PRT  
; ORGANISM: Glycine max  
; US-09-780-717-32

RESULT 21  
; Sequence 1156, Application US/09764864  
; Patent No. US20020132753A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PTZ23  
; CURRENT APPLICATION NUMBER: US/09/764,864  
; CURRENT FILING DATE: 2001-01-17  
; Prior application data removed - consult PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 1792  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1156  
; LENGTH: 154  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-764-864-1156

Query Match 3.2%; Score 6; DB 10; Length 154;  
Best Local Similarity 100.0%; Pred. No. 72; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 152 SLVLER 157  
Db 29 SLVLER 34

RESULT 22  
US-09-764-864-1569  
; Sequence 1569, Application US/09764864  
; Patent No. US20020132753A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PTZ23  
; CURRENT APPLICATION NUMBER: US/09/764,864  
; CURRENT FILING DATE: 2001-01-17  
; Prior application data removed - consult PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 1792  
; SEQ ID NO 1569  
; LENGTH: 154  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-764-864-1569

Query Match 3.2%; Score 6; DB 10; Length 154;  
Best Local Similarity 100.0%; Pred. No. 72; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 152 SLVLER 157  
Db 29 SLVLER 34

RESULT 23  
US-09-780-717-32  
; Sequence 32, Application US/09780717  
; Patent No. US2000044941A1  
; GENERAL INFORMATION:  
; APPLICANT: Helentjaris, Tim  
; APPLICANT: Bates, Nic  
; APPLICANT: Allen, Stephen M.  
; TITLE OF INVENTION: No. US20010044941A1el Invertase Inhibitors and Methods  
; TITLE OF INVENTION: Of Use  
; FILE REFERENCE: 035718/208677  
; CURRENT APPLICATION NUMBER: US/09/780,717  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,509

Query Match 3.2%; Score 6; DB 10; Length 185;  
Best Local Similarity 100.0%; Pred. No. 86; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 172 DGSIDL 177  
Db 92 DGSIDL 97

RESULT 24  
US-09-815-242-11844  
; Sequence 11844, Application US/09815242  
; Patent No. US20020061569A1  
; GENERAL INFORMATION:  
; APPLICANT: Haselbeck, Robert  
; APPLICANT: Ohlsen, Kari L.  
; APPLICANT: Zyskind, Judith W.  
; APPLICANT: Wall, Daniel  
; APPLICANT: Iravick, John D.  
; APPLICANT: Carr, Grant J.  
; APPLICANT: Yamamoto, Robert T.  
; APPLICANT: Xu, H. Howard  
; TITLE OF INVENTION: Identification of Essential Genes in  
; FILE REFERENCE: ELITRA.011A  
; CURRENT APPLICATION NUMBER: US/09/815,242  
; CURRENT FILING DATE: 2001-03-21  
; PRIOR APPLICATION NUMBER: 60/191,078  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: 60/206,848  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 60/207,727  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: 60/242,578  
; PRIOR FILING DATE: 2000-10-23  
; PRIOR APPLICATION NUMBER: 60/253,625  
; PRIOR FILING DATE: 2000-11-27  
; PRIOR APPLICATION NUMBER: 60/257,931  
; PRIOR FILING DATE: 2000-12-22  
; PRIOR APPLICATION NUMBER: 60/269,308  
; PRIOR FILING DATE: 2001-02-16  
; NUMBER OF SEQ ID NOS: 14110  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 11844  
; LENGTH: 185  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
; US-09-815-242-11844

RESULT 25  
US-09-828-644-69  
; Sequence 69, Application US/09828644  
; Patent No. US2002015998A1  
; GENERAL INFORMATION:  
; APPLICANT: Vogeli, Gabriel

TITLE OF INVENTION: No. US20020015998A1 G Protein-Coupled Receptors  
FILE REFERENCE: 00196US1  
CURRENT APPLICATION NUMBER: US/09/828, 644  
PRIORITY FILING DATE: 2001-04-05  
PRIORITY APPLICATION NUMBER: 60/195, 150  
PRIORITY FILING DATE: 2000-04-06  
PRIORITY APPLICATION NUMBER: 60/195, 099  
PRIORITY FILING DATE: 2000-04-06  
PRIORITY APPLICATION NUMBER: 60/195, 151  
PRIORITY FILING DATE: 2000-04-06  
PRIORITY APPLICATION NUMBER: 60/195, 148  
PRIORITY FILING DATE: 2000-04-06  
PRIORITY APPLICATION NUMBER: 60/195, 093  
PRIORITY FILING DATE: 2000-04-06  
PRIORITY APPLICATION NUMBER: 60/195, 098  
PRIORITY FILING DATE: 2000-04-06  
PRIORITY APPLICATION NUMBER: 60/230, 149  
PRIORITY FILING DATE: 2000-09-05  
NUMBER OF SEQ ID NOS: 117  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 69  
LENGTH: 217  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-828-644-69

RESULT 26

Query Match 3.2%; Score 6; DB 10; Length 217;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 137 KLIKLOQ 142

Db 99 KLIKLO 104

US-09-815-242-11653

Sequence 11653, Application US/09815242  
GENERAL INFORMATION:  
Patent NO. US20020061569A1

APPLICANT: Haselbeck, Robert  
APPLICANT: Ohlsen, Karl L.  
APPLICANT: Zyskind, Judith W.

APPLICANT: Wall, Daniel  
APPLICANT: Trawick, John D.  
APPLICANT: Carr, Grant J.

APPLICANT: Yamamoto, Robert T.  
APPLICANT: Xu, H. Howard

TITLE OF INVENTION: Identification of Essential Genes in  
FILE REFERENCE: Prokaryotes

CURRENT APPLICATION NUMBER: US/09/815, 242  
CURRENT FILING DATE: 2001-03-21  
CURRENT APPLICATION NUMBER: US/09/815, 242

PRIORITY FILING DATE: 2000-03-21  
PRIORITY APPLICATION NUMBER: 60/191, 078

PRIORITY FILING DATE: 2000-05-23  
PRIORITY APPLICATION NUMBER: 60/207, 727

PRIORITY FILING DATE: 2000-05-26  
PRIORITY APPLICATION NUMBER: 60/242, 578

PRIORITY FILING DATE: 2000-10-23  
PRIORITY APPLICATION NUMBER: 60/253, 625

PRIORITY FILING DATE: 2000-11-27  
PRIORITY APPLICATION NUMBER: 60/257, 931

PRIORITY FILING DATE: 2000-12-22  
PRIORITY APPLICATION NUMBER: 60/269, 308

PRIORITY FILING DATE: 2001-02-16  
NUMBER OF SEQ ID NOS: 14110

SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO: 11653  
LENGTH: 241

TYPE: PRT  
ORGANISM: Klebsiella pneumoniae

US-09-815-242-11653

Query Match 3.2%; Score 6; DB 10; Length 241;  
Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 66 IDTLST 71

Db 20 IDTLST 25

RESULT 27

US-09-764-853-441  
Sequence 441, Application US/09764853  
Patent No. US20020090672A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PJJ206  
CURRENT APPLICATION NUMBER: US/09/764, 853  
CURRENT FILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 939

SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 441  
LENGTH: 251

TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-764-853-441

RESULT 28

US-09-971-543-2  
Sequence 2, Application US/09971543  
Patent No. US20020146846A1

GENERAL INFORMATION:  
APPLICANT: PLUCKTHUN, ANDREAS  
APPLICANT: HONEGGER, ANNEMARIE

APPLICANT: WILLUDA, JORG  
TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC  
TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND  
TITLE OF INVENTION: STABILIZED ANTI-EGP-2 SCFV FRAGMENT

FILE REFERENCE: PLUCK-3 CON  
CURRENT APPLICATION NUMBER: US/09/971, 543  
CURRENT FILING DATE: 2001-10-04

PRIORITY APPLICATION NUMBER: PCT/EP00/03176  
PRIORITY FILING DATE: 2000-04-10  
PRIORITY APPLICATION NUMBER: EP 99 10 7030.1

PRIORITY FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 2  
LENGTH: 253

TYPE: PRT  
ORGANISM: Mus sp.  
US-09-971-543-2

Query Match 3.2%; Score 6; DB 10; Length 253;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 102 ITYLYW 107

Db 35 ITYLYW 40

RESULT 29 ; SEQ ID NO 11607  
 US-09-971-543-3 ; LENGTH: 262  
 Sequence 3, Application US/09971543 ; TYPE: PRT  
 Patent No. US20020146846A1 ; ORGANISM: Helicobacter pylori  
 ; GENERAL INFORMATION:  
 ; APPLICANT: PLUCKTHUN, ANDREAS  
 ; APPLICANT: HONEGER, ANNEMARIE  
 ; APPLICANT: WILLEDA, JORG  
 ; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC  
 ; IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND  
 ; TITLE OF INVENTION: STABILIZED ANTI-EGP-2 scFv FRAGMENT  
 ; FILE REFERENCE: PLUCK-3 CON  
 ; CURRENT APPLICATION NUMBER: US/09/971,543  
 ; CURRENT FILING DATE: 2001-10-04  
 ; PRIOR APPLICATION NUMBER: PCT/EP0/03176  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: EP 99 10 7030.1  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 3  
 ; LENGTH: 253  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: anti-EGP-2  
 ; OTHER INFORMATION: Description of Artificial Sequence: anti-EGP-2  
 ; US-09-971-543-3  
 ; Query Match 3.2%; Score 6; DB 10; Length 253;  
 ; Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 ; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 ; QY 102 ITYLYW 107  
 ; |||||  
 ; Db 35 ITYLYW 40  
 ;  
 RESULT 30 ;  
 ; US-09-815-242-11607  
 ; Sequence 11607, Application US/09815242  
 ; Patent No. US20020061569A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Haselbeck, Robert  
 ; APPLICANT: Ohlsen, Kari L.  
 ; APPLICANT: Zyskind, Judith W.  
 ; APPLICANT: Wall, Daniel  
 ; APPLICANT: Trawick, John D.  
 ; APPLICANT: Carr, Grant J.  
 ; APPLICANT: Yamamoto, Robert T.  
 ; APPLICANT: Xu, H. Howard  
 ; TITLE OF INVENTION: Identification of Essential Genes in  
 ; FILE REFERENCE: ELITRA.011A  
 ; CURRENT APPLICATION NUMBER: US/09/815,242  
 ; CURRENT FILING DATE: 2001-03-21  
 ; PRIOR APPLICATION NUMBER: 60/191,078  
 ; PRIOR FILING DATE: 2000-03-21  
 ; PRIOR APPLICATION NUMBER: US/09/815,242  
 ; PRIOR FILING DATE: 2001-03-21  
 ; PRIOR APPLICATION NUMBER: 60/191,078  
 ; PRIOR FILING DATE: 2000-03-21  
 ; PRIOR APPLICATION NUMBER: 60/242,578  
 ; PRIOR FILING DATE: 2000-10-23  
 ; PRIOR APPLICATION NUMBER: 60/253,625  
 ; PRIOR FILING DATE: 2000-11-27  
 ; PRIOR APPLICATION NUMBER: 60/257,931  
 ; PRIOR FILING DATE: 2000-12-22  
 ; PRIOR APPLICATION NUMBER: 60/269,308  
 ; PRIOR FILING DATE: 2001-02-16  
 ; NUMBER OF SEQ ID NOS: 14110  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 10625  
 ; LENGTH: 265  
 ; TYPE: PRT  
 ; ORGANISM: Enterococcus faecalis  
 ; US-09-815-242-10625  
 ; Query Match 3.2%; Score 6; DB 10; Length 265;  
 ; Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 ; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 ; QY 70 STRPGY 75  
 ; |||||  
 ; Db 56 STRPGY 61  
 ;  
 RESULT 32 ;  
 ; US-09-796-338A-19  
 ; Sequence 19, Application US/09796338A  
 ; Patent No. US20020061522A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Millennium Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: 1983, 52881, 2398, 45449, 50289, AND  
 ; TITLE OF INVENTION: 52872, NOVEL G PROTEIN-COUPLED RECEPTORS AND USES THEREFOR  
 ; FILE REFERENCE: 10448-020001

CURRENT APPLICATION NUMBER: US/09/796, 338A  
 CURRENT FILING DATE: 2001-02-28  
 PRIOR APPLICATION NUMBER: US 60/186, 059  
 PRIOR FILING DATE: 2000-02-29  
 NUMBER OF SEQ ID NOS: 26  
 SEQ ID NO 19  
 LENGTH: 268  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: consensus sequence  
 US-09-796-338A-19

Query Match 3.2%; Score 6; DB 10; Length 268;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 20 FIFLF 25  
 Db 24 FIFLF 29

RESULT 33  
 US-09-795-693-36  
 Sequence 36, Application US/09795693  
 ; Patent No. US20020068710A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GLUCKSMANN, Maria A.  
 ; TITLE OF INVENTION: 20685, 579, 17114, 23821, 33894, and  
 ; TITLE OF INVENTION: 32613, No. US20020068710A1e1 Human Transporters  
 ; FILE REFERENCE: 35800/20929  
 ; CURRENT APPLICATION NUMBER: US/09/795, 693  
 ; CURRENT FILING DATE: 2001-02-28  
 ; PRIOR APPLICATION NUMBER: 60/185, 906  
 ; NUMBER OF SEQ ID NOS: 42  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 36  
 ; LENGTH: 271  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Pfam consensus sequence  
 US-09-795-693-36

Query Match 3.2%; Score 6; DB 10; Length 271;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 20 FIFLF 25  
 Db 24 FIFLF 29

RESULT 33  
 US-09-795-693-36  
 Sequence 36, Application US/09795693  
 ; Patent No. US20020068710A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GLUCKSMANN, Maria A.  
 ; TITLE OF INVENTION: 20685, 579, 17114, 23821, 33894, and  
 ; TITLE OF INVENTION: 32613, No. US20020068710A1e1 Human Transporters  
 ; FILE REFERENCE: 35800/20929  
 ; CURRENT APPLICATION NUMBER: US/09/795, 693  
 ; CURRENT FILING DATE: 2001-02-28  
 ; PRIOR APPLICATION NUMBER: 60/185, 906  
 ; NUMBER OF SEQ ID NOS: 42  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 36  
 ; LENGTH: 271  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Pfam consensus sequence  
 US-09-795-693-36

Query Match 3.2%; Score 6; DB 10; Length 271;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 20 FIFLF 25  
 Db 24 FIFLF 29

RESULT 35  
 US-09-886-055-351  
 Sequence 351, Application US/09886055  
 ; Patent No. US20020132273A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: STRYER, LUBERT  
 ; TITLE OF INVENTION: RECEPTOR FINGERPRINTING, SENSORY PERCEPTION, AND  
 ; TITLE OF INVENTION: BIOSENSORS OF CHEMICAL SENSANTS  
 ; FILE REFERENCE: 078003-0277150  
 ; CURRENT APPLICATION NUMBER: US/09/886, 055  
 ; CURRENT FILING DATE: 2001-06-22  
 ; PRIOR APPLICATION NUMBER: 60/213, 812  
 ; PRIOR FILING DATE: 2000-06-22  
 ; NUMBER OF SEQ ID NOS: 522  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 351  
 ; LENGTH: 306  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-886-055-351

Query Match 3.2%; Score 6; DB 10; Length 306;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 96 TLIVLI 101  
 Db 43 TLIVLI 48

RESULT 36  
 US-09-925-302-783  
 Sequence 783, Application US/09925302  
 ; Patent No. US20020044941A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 ; FILE REFERENCE: PA104  
 ; CURRENT APPLICATION NUMBER: US/09/925, 302  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05918  
 ; PRIOR FILING DATE: 2000-03-08  
 ; PRIOR APPLICATION NUMBER: 60/124, 270  
 ; PRIOR FILING DATE: 1999-03-12  
 ; NUMBER OF SEQ ID NOS: 896  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 783  
 ; LENGTH: 312  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-925-302-783

Query Match 3.2%; Score 6; DB 10; Length 312;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 172 DGSDDL 177  
 Db 275 DGSDDL 280

RESULT 37  
US-10-006-867-116  
; Sequence 116, Application US/10006867  
; Patent No. US20020119130A1  
; GENERAL INFORMATION:  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3230R1C1  
CURRENT APPLICATION NUMBER: US/10/006, 867  
PRIORITY FILING DATE: 2001-12-06  
PRIORITY APPLICATION NUMBER: 60/053435  
PRIORITY FILING DATE: 1997-10-29  
PRIORITY APPLICATION NUMBER: 60/0534215  
PRIORITY FILING DATE: 1997-10-29  
PRIORITY APPLICATION NUMBER: 60/053435  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/083495  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/085579  
PRIORITY FILING DATE: 1998-05-15  
PRIORITY APPLICATION NUMBER: 60/082797  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/083495  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/088021  
PRIORITY FILING DATE: 1998-06-04  
PRIORITY APPLICATION NUMBER: 60/088029  
PRIORITY FILING DATE: 1998-05-15  
PRIORITY APPLICATION NUMBER: 60/087759  
PRIORITY FILING DATE: 1998-06-02  
PRIORITY APPLICATION NUMBER: 60/088030  
PRIORITY FILING DATE: 1998-06-04  
PRIORITY APPLICATION NUMBER: 60/088734  
PRIORITY FILING DATE: 1998-06-10  
PRIORITY APPLICATION NUMBER: 60/088740  
PRIORITY FILING DATE: 1998-06-10  
PRIORITY APPLICATION NUMBER: 60/0888025  
PRIORITY FILING DATE: 1998-06-10  
PRIORITY APPLICATION NUMBER: 60/088863  
PRIORITY FILING DATE: 1998-06-11  
PRIORITY APPLICATION NUMBER: 60/0889105  
PRIORITY FILING DATE: 1998-06-17  
PRIORITY APPLICATION NUMBER: 60/088952  
PRIORITY FILING DATE: 1998-06-19  
PRIORITY APPLICATION NUMBER: 60/090246  
PRIORITY FILING DATE: 1998-06-22  
PRIORITY APPLICATION NUMBER: 60/090444  
PRIORITY FILING DATE: 1998-06-24  
PRIORITY APPLICATION NUMBER: 60/090688  
PRIORITY FILING DATE: 1998-06-25  
PRIORITY APPLICATION NUMBER: 60/090696  
PRIORITY FILING DATE: 1998-07-02  
PRIORITY APPLICATION NUMBER: 60/096012  
PRIORITY FILING DATE: 1998-08-10  
PRIORITY APPLICATION NUMBER: 60/099812  
PRIORITY FILING DATE: 1998-09-10  
PRIORITY APPLICATION NUMBER: 60/100627  
PRIORITY FILING DATE: 1998-09-16  
PRIORITY APPLICATION NUMBER: 60/100662  
PRIORITY FILING DATE: 1998-09-16  
PRIORITY APPLICATION NUMBER: 60/1009815  
PRIORITY FILING DATE: 1998-09-10  
PRIORITY APPLICATION NUMBER: 60/1009791  
PRIORITY FILING DATE: 1998-08-26  
PRIORITY APPLICATION NUMBER: 60/0997979  
PRIORITY FILING DATE: 1998-08-26  
PRIORITY APPLICATION NUMBER: 60/099763  
PRIORITY FILING DATE: 1998-09-10  
PRIORITY APPLICATION NUMBER: 60/099792  
PRIORITY FILING DATE: 1998-09-10  
PRIORITY APPLICATION NUMBER: 60/099812  
PRIORITY FILING DATE: 1998-09-10  
PRIORITY APPLICATION NUMBER: 60/100684  
PRIORITY FILING DATE: 1998-09-17  
PRIORITY APPLICATION NUMBER: 60/100930  
PRIORITY FILING DATE: 1998-09-17  
PRIORITY APPLICATION NUMBER: 60/101279  
PRIORITY FILING DATE: 1998-09-22  
PRIORITY APPLICATION NUMBER: 60/101473  
PRIORITY FILING DATE: 1998-09-24  
PRIORITY APPLICATION NUMBER: 60/101916  
PRIORITY FILING DATE: 1998-09-24  
PRIORITY APPLICATION NUMBER: 60/102570  
PRIORITY FILING DATE: 1998-09-30  
PRIORITY APPLICATION NUMBER: 60/103449  
PRIORITY FILING DATE: 1998-10-06  
PRIORITY APPLICATION NUMBER: 60/103678  
PRIORITY FILING DATE: 1998-10-08  
PRIORITY APPLICATION NUMBER: 60/103679  
PRIORITY FILING DATE: 1998-10-08  
PRIORITY APPLICATION NUMBER: 60/105002  
PRIORITY FILING DATE: 1998-10-20  
PRIORITY APPLICATION NUMBER: 60/106464  
PRIORITY FILING DATE: 1998-10-30  
PRIORITY APPLICATION NUMBER: 60/106856  
PRIORITY FILING DATE: 1998-11-03  
PRIORITY APPLICATION NUMBER: 60/108807  
PRIORITY FILING DATE: 1998-11-17  
PRIORITY APPLICATION NUMBER: 60/112419  
PRIORITY FILING DATE: 1998-12-15  
PRIORITY APPLICATION NUMBER: 60/112422  
PRIORITY FILING DATE: 1998-12-15  
PRIORITY APPLICATION NUMBER: 60/112853

PRIOR FILING DATE: 1998-12-16  
 PRIOR APPLICATION NUMBER: 60/113011  
 PRIOR FILING DATE: 1998-12-16  
 PRIOR APPLICATION NUMBER: 60/112854  
 PRIOR FILING DATE: 1998-12-16  
 PRIOR APPLICATION NUMBER: 60/113300  
 PRIOR FILING DATE: 1998-12-22  
 PRIOR APPLICATION NUMBER: 60/113408  
 PRIOR FILING DATE: 1998-12-22  
 PRIOR APPLICATION NUMBER: 60/113430  
 PRIOR FILING DATE: 1998-12-23  
 PRIOR APPLICATION NUMBER: 60/113621  
 PRIOR FILING DATE: 1998-12-23  
 PRIOR APPLICATION NUMBER: 60/114223  
 PRIOR FILING DATE: 1998-12-30  
 PRIOR APPLICATION NUMBER: 60/115614  
 PRIOR FILING DATE: 1999-01-12  
 PRIOR APPLICATION NUMBER: 60/116527  
 PRIOR FILING DATE: 1999-01-20  
 PRIOR APPLICATION NUMBER: 60/116843  
 PRIOR FILING DATE: 1999-01-22  
 PRIOR APPLICATION NUMBER: 60/119285  
 PRIOR FILING DATE: 1999-02-09  
 PRIOR APPLICATION NUMBER: 60/119287  
 PRIOR FILING DATE: 1999-02-09  
 PRIOR APPLICATION NUMBER: 60/119525  
 PRIOR FILING DATE: 1999-02-10  
 PRIOR APPLICATION NUMBER: 60/119549  
 PRIOR FILING DATE: 1999-02-10  
 PRIOR APPLICATION NUMBER: 60/120014  
 PRIOR FILING DATE: 1999-02-11  
 PRIOR APPLICATION NUMBER: 60/129122  
 PRIOR FILING DATE: 1999-04-13  
 PRIOR APPLICATION NUMBER: 60/129674  
 PRIOR FILING DATE: 1999-04-16  
 PRIOR APPLICATION NUMBER: 60/131291  
 PRIOR FILING DATE: 1999-04-27  
 PRIOR APPLICATION NUMBER: 60/138387  
 PRIOR FILING DATE: 1999-06-09  
 PRIOR APPLICATION NUMBER: 60/144791  
 PRIOR FILING DATE: 1999-07-20  
 PRIOR APPLICATION NUMBER: 60/169495  
 PRIOR FILING DATE: 1999-12-07  
 PRIOR APPLICATION NUMBER: 60/175481  
 PRIOR FILING DATE: 2000-01-11  
 PRIOR APPLICATION NUMBER: 60/191007  
 PRIOR FILING DATE: 2000-03-21  
 PRIOR APPLICATION NUMBER: 60/199397  
 PRIOR FILING DATE: 2000-04-25  
 PRIOR APPLICATION NUMBER: 09/380139  
 PRIOR FILING DATE: 1998-08-25  
 PRIOR APPLICATION NUMBER: 09/311832  
 PRIOR FILING DATE: 1999-05-14  
 PRIOR APPLICATION NUMBER: 09/380137  
 PRIOR FILING DATE: 1999-08-25  
 PRIOR APPLICATION NUMBER: 09/380138  
 PRIOR FILING DATE: 1999-08-25  
 PRIOR APPLICATION NUMBER: 09/380142

Query Match 3.2%; Score 6; DB 12; Length 317;  
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 95 LTLIVI 100  
 Db 261 LTLIVI 266

RESULT 39  
 US-09-905-176-10  
 ; Sequence 10, Application US/09905176  
 ; Patent No. US2002015096A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: CALIFORNIA INSTITUTE OF TECHNOLOGY  
 ; APPLICANT: Debe, Derek A.  
 ; TITLE OF INVENTION: METHOD FOR DETERMINING THREE-DIMENSIONAL PROTEIN STRUCTURE FRO  
 ; FILE REFERENCE: 265/297  
 ; CURRENT APPLICATION NUMBER: US/09/905,176  
 ; CURRENT FILING DATE: 2002-04-05  
 ; PRIOR APPLICATION NUMBER: US 60/218,016  
 ; PRIOR FILING DATE: 2000-07-12  
 ; NUMBER OF SEQ ID NOS: 26  
 ; SOFTWARE: Patentin version 3.1

RESULT 38  
 US-10-052-545-2  
 ; Sequence 2, Application US/10052545  
 ; Patent No. US20020142392A1  
 ; GENERAL INFORMATION:

Query Match 3.2%; Score 6; DB 10; Length 328;  
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 100 LITLYL 105  
 Db 313 LITLYL 318

RESULT 40  
 US-09-758-575-7  
 ; Sequence 7, Application US/09758575  
 ; Patent No. US20020004239A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kaufmann, Joerg  
 ; APPLICANT: Harrowe, Greg  
 ; APPLICANT: Reinhard, Christoph  
 ; APPLICANT: Kang, Sammo  
 ; TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN  
 ; TITLE OF INVENTION: BREAST CANCER  
 ; FILE REFERENCE: 200130.517/1656.002  
 ; CURRENT APPLICATION NUMBER: US/09/758, 575  
 ; CURRENT FILING DATE: 2001-01-09  
 ; NUMBER OF SEQ ID NOS: 10  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 7  
 ; LENGTH: 332  
 ; TYPE: PRT  
 ; ORGANISM: *Drosophila melanogaster*  
 ; US-09-758-575-7

Query Match 3.2%; Score 6; DB 10; Length 332;  
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 67 DTLSTR 72  
 Db 249 DTLSTR 254

RESULT 41  
 US-09-401-636-3  
 ; Sequence 3, Application US/09401636  
 ; Patent No. US20010038843A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hellman, Lars T.  
 ; TITLE OF INVENTION: ENHANCED VACCINES  
 ; FILE REFERENCE: 10223/006001  
 ; CURRENT APPLICATION NUMBER: US/09/401,636  
 ; CURRENT FILING DATE: 1999-09-22  
 ; PRIORITY NUMBER: US 60/106,652  
 ; PRIORITY FILING DATE: 1998-11-02  
 ; NUMBER OF SEQ ID NOS: 11  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 341  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetically generated proteins  
 ; US-09-401-636-3

Query Match 3.2%; Score 6; DB 10; Length 341;  
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 149 NPSSLV 154

Query Match 3.2%; Score 6; DB 10; Length 355;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 20 FIFLIF 25  
 Db 84 FIFLIF 89

RESULT 42  
 US-09-867-569-2  
 ; Sequence 2, Application US/09867569  
 ; Patent No. US20010036650A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Li et al.  
 ; TITLE OF INVENTION: C5a Receptor  
 ; FILE REFERENCE: PFI30D1C1  
 ; CURRENT APPLICATION NUMBER: US/09/867, 569  
 ; CURRENT FILING DATE: 2001-05-31  
 ; PRIOR APPLICATION NUMBER: 09/082, 529  
 ; PRIOR FILING DATE: 1998-05-21  
 ; PRIOR APPLICATION NUMBER: 08/458, 970  
 ; PRIOR FILING DATE: 1995-06-02  
 ; PRIOR APPLICATION NUMBER: PCT/US94/09234  
 ; PRIOR FILING DATE: 1994-08-16  
 ; NUMBER OF SEQ ID NOS: 11  
 ; SOFTWARE: Patentin version 3.0  
 ; SEQ ID NO 2  
 ; LENGTH: 355  
 ; TYPE: PRT  
 ; ORGANISM: *homo sapiens*  
 ; US-09-867-569-2

Query Match 3.2%; Score 6; DB 10; Length 355;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 20 FIFLIF 25  
 Db 84 FIFLIF 89

RESULT 43  
 US-09-864-761-42849  
 ; Sequence 42849, Application US/09864761  
 ; Patent No. US20020048763A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Penn, Sharron G.  
 ; APPLICANT: Rank, David R.  
 ; APPLICANT: Hanzel, David K.  
 ; APPLICANT: Chen, Wensheng  
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
 ; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
 ; FILE REFERENCE: Aeomica-X-1  
 ; CURRENT APPLICATION NUMBER: US/09/864,761  
 ; CURRENT FILING DATE: 2001-05-23  
 ; PRIOR APPLICATION NUMBER: US 60/180,312  
 ; PRIOR FILING DATE: 2000-02-04  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: US 09/632,366  
 ; PRIOR FILING DATE: 2000-08-03  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00662  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00661  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234, 687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 09/608, 408  
 PRIOR FILING DATE: 2000-06-30  
 PRIOR APPLICATION NUMBER: US 09/774, 203  
 PRIOR FILING DATE: 2001-01-29  
 NUMBER OF SEQ ID NOS: 49117  
 SOFTWARE: Amnonax Sequence Listing Engine vers. 1.1  
 SEQ ID NO 42849  
 LENGTH: 363  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE:  
 OTHER INFORMATION: MAP TO AC007383.2  
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.3  
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1  
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1  
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.93  
 OTHER INFORMATION: EST\_HUMAN HIT: R63760.1, EVALUE 2.00e-60  
 OTHER INFORMATION: SWISSPROT HIT: P46091, EVALUE 0.00e+00  
 US-09-864-761-42849

Query Match 3.2%; Score 6; DB 10; Length 363;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 20 FIFLF 25  
 Db 92 FIFLF 97

RESULT 44  
 US-09-895-913A-120  
 ; Sequence 120, Application US/09895913A  
 ; Patent NO. US20020160456A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kleanthous, Harold  
 ; APPLICANT: Al-Garawi, Amal  
 ; APPLICANT: Miller, Charles  
 ; APPLICANT: Tomb, Jean Francois  
 ; APPLICANT: Oomen, Raymond P.  
 ; TITLE OF INVENTION: Identification of Polynucleotides  
 ; TITLE OF INVENTION: Encoding No. US20020160456A1  
 ; TITLE OF INVENTION: Genome  
 ; FILE REFERENCE: 06132/043002  
 ; CURRENT APPLICATION NUMBER: US/09/895, 913A  
 ; CURRENT FILING DATE: 2001-06-29  
 ; PRIOR APPLICATION NUMBER: US 08/881, 227  
 ; PRIOR FILING DATE: 1997-06-24  
 ; NUMBER OF SEQ ID NOS: 368  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 120  
 ; LENGTH: 387  
 ; TYPE: PRT  
 ; ORGANISM: Helicobacter pylori  
 ; US-09-895-913A-120

Query Match 3.2%; Score 6; DB 9; Length 387;  
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 83 RNLIGS 88  
 Db 246 RNLIGS 251

RESULT 45  
 US-09-785-770A-10  
 ; Sequence 10, Application US/09785770A  
 ; Patent No. US20020103360A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pan, Yang  
 ; APPLICANT: Barnes, Thomas M.  
 ; TITLE OF INVENTION: A NOVEL PROTEIN RELATED TO MELANOMA-INHIBITING PROTEIN  
 ; TITLE OF INVENTION: AND USES THEREOF  
 ; FILE REFERENCE: 07334-328001  
 ; CURRENT APPLICATION NUMBER: US/09/785, 770A  
 ; CURRENT FILING DATE: 2001-02-16  
 ; PRIOR APPLICATION NUMBER: US 09/387, 462  
 ; PRIOR FILING DATE: 1999-09-01  
 ; PRIOR APPLICATION NUMBER: US 09/145, 056  
 ; PRIOR FILING DATE: 1998-09-01  
 ; NUMBER OF SEQ ID NOS: 24  
 ; SOFTWARE: PatentIn Ver. 4.0  
 ; SEQ ID NO 10  
 ; LENGTH: 387  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-785-770A-10  
 ; Query Match 3.2%; Score 6; DB 10; Length 387;  
 ; Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
 ; Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 ; Qy 141 LQDMEK 146  
 ; Db 139 LQDMEK 144

Search completed: November 9, 2002, 07:40:36  
 Job time : 70 secs